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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/851,287	05/08/2001	Johannes J. Verboom	18504/337	3428

7590 01/27/2005

Oppenheimer Wolff & Donnelly LLP  
45 South Seventh Street, Suite 3300  
Minneapolis, MN 55402-1609

EXAMINER
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NGUYEN, TUAN N

ART UNIT	PAPER NUMBER
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2828

DATE MAILED: 01/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Supplemental  
Notice of Allowability**

**Application No.**

09/851,287

**Examiner**

Tuan N Nguyen

**Applicant(s)**

VERBOOM ET AL.

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 01/22/2004.
2. ☒ The allowed claim(s) is/are 1,3-10,12-16,20-26 and 32-35.
3. ☒ The drawings filed on 09 December 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                                 |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date <u>1/12/05</u> . |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date <u>1/12/2004</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material                                | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance                        |
|   | 9. <input type="checkbox"/> Other _____.  |

***RESPONSE TO AMENDMENT***

1) In respond to applicant's amendment filed 01/22/2004, claims 1, 3, 12, 20, 32 have been amended, and claims 2, 11, 17-19, 27-31, 36, 39 have been canceled.

**EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below, to the amended claims 37, 38 should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no latter than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Craig J. Lervick (Attorney for Applicant, Reg. No. 35,244) on 01/12/2005.

**Claim 37:** to be canceled.

**Claim 38:** to be canceled.

**REASON FOR ALLOWANCE**

***Allowable Subject Matter***

3. The following is an examiner's statement of reasons for allowance - Applicant's response filed on September 12, 2003 has been considered, with respect to claims 1, 12, 20, and 32 the references of the record fail to teach or suggest:

A laser noise control system operating in conjunction with a laser driver, wherein the laser driver produces a laser drive signal that is provided to a laser so as to produce an optical

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signal, the laser noise control system comprising: a beam splitter positioned to receive the optical signal and output a first portion and a second portion thereof; an optical sensor positioned to receive the first portion of the optical signal, the optical sensor thus capable of producing a sensor output signal indicative of the optical signal; a noise reduction feedback network operatively connected to the optical sensor and to the laser, the noise reduction feedback network configured to include a filter circuit which receives the sensor output signal and produces a filtered noise reduction signal which is combined with the laser driver signal and provided to the laser; a LF control loop operatively attached between the optical sensor and the laser driver to provide CW control of the laser; and a control switch to selectively operate the noise reduction feedback network.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### ***Communication Information***

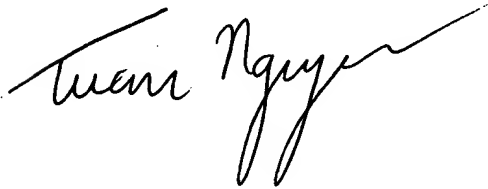
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan N Nguyen whose telephone number is (571) 272-1948. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harvey Minsun can be reached on (703) 308-16741. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tuan N. Nguyen

A handwritten signature in black ink, appearing to read "Tuan Nguyen", with a stylized flourish at the end.A handwritten signature in black ink, appearing to read "Mingsun Ch Harvey", with a long vertical line extending from the end.

MINGSUN CH HARVEY  
PRIMARY EXAMINER